Use Attainability Analysis

for

WBID 1301 Bones Branch

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

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Field Data Sheets for Recreational Use Stream Surveys 2005 JUL -7 PM 12: 34

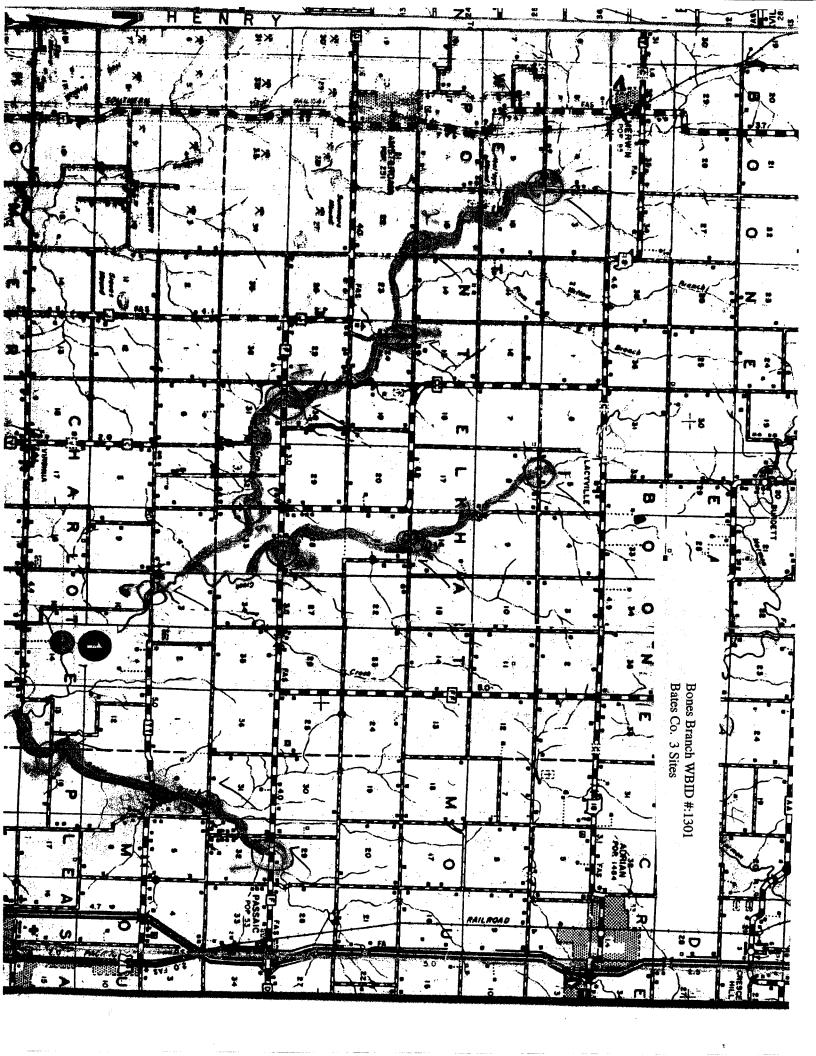
Data Sheet A - Water Body Identification

WATER PROTECTION PROGRAM

Water Body Name (from USGS 7.5' quad): BONES BIZ.
8-digit HUC: 10290102
Missouri WBID #: 130
County: Bates
Upstream Legal Description: 5 32 T 41 N R 31 W
Downstream Legal Description: 5 18 T 40 N R 31 W
Upstream Coordinates: 38.32265 N 94.37 444 N
Downstream Coordinates: 38.27247 N 94, 40202 W
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: (3)
Name of Surveyor and Telephone Number: (2A19 Chaffield - Aaron Woods 628-7095
Organization: MODNR SUCP
Position: Soil Scientists
the undersigned, hereby affirm to the best of my knowledge, that all information reported on this IJAA

I, t datasheet is true and accurate.

Signed:_	Ci	4	cht-d	· Aula	y Wd U	Date: _	6	/22	105		
	/	/	/	1					,		



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

			T-70		
Missouri WBID #:	301-01		Site Location De	•	
Site GPS Coordinates: N	38.32265 W9	14.37444W	Bores	BR.	
/	65 @ Ti50	AM	Facility Name:		
Personnel: (RAIG (ON WOOD	Permit Number:		
Current Weather Condition		····		ons for Past 7 days:	lonny
Photo Ids: Upstream: We		tream: WBD	1301-01 Other		
Jses Observed*:					
Swimming	Skin diving	☐ scu	JBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boa	ting	Wading	Rafting
Hunting	Trapping	☐ Fish	-	None of the above	Other:
Describe: (include numbe	er of individuals recrea	iting, freque	ncy of use, photo-	documentation of evidence	of recreational uses, etc.)
urrounding Condition	8*: (Mark all that pro	mote or imp	ede recreational us	ses. Attach photos of evider	nce or unusual
ems of interest.)					
☐ City/county parks	Playgrounds	MDC con	servation lands	Urban areas	Campgrounds
☐ Boating accesses	State parks] National f	orests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	Fence D	Steep slop	es	Other: Debeis	WBD1301-01
	مله	•			
Evidence of Human Use					
Roads	Foot paths/prints		ock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Sites	Fir	e pit/ring	☐ NPDES Discharge	Fishing Tackle
Other: TRAS	h WBD13d-C				
ite Locations Map(s): A	Attach a map of en	tire segme	ent with assessn	nent sites clearly labele	ed. Mark any

other items that may be of interest. (Include photographs)

Attached

Attached

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

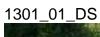
Data Sheet B - Site Characterization

Page Two – WBID #_130[:

Stream Mor	phology: View Physica	l Dimensions:					
Riffle	Width (ft):	Length (ft):		Avg. Depth	(ft):	Max. Depth	
Run	Width (ft):	Length (ft):		Avg. Depth		Max. Depth	
X Pool	Width (ft):	Length (ft):	15	Avg. Depth		-11	- / //
Flow	Present? Y	,	10	Estimated (f	<u> </u>	Max. Depui	(ft):
Downstre:	am View Physi	cal Dimensions:					NAME OF THE PROPERTY OF THE PR
Riffle	Width (ft):	Length (ft):		Avg. Depth	 (ft):	Max. Depth	(ft)·
Run	Width (ft):	, Length (ft):		Avg. Depth		Max. Depth	
X Pool	Width (ft): 3	Length (ft):	20	Avg. Depth		Max. Depth	```
Flow	Present? Y		<u> </u>	Estimated (f		With Deptil	(ft): / <u>3</u>
		uld add up to 100%.) % Gravel	% San	d 4	20 % Silt	% Mud/Clay	% Bedrock
	acteristics*: (M			7440			
Odor:	Sewa			emical	None	Other:	
Color:	Clear	☐ Green	Gra	<u> </u>	Milky	Other:	MURK-)
Bottom Dep Surface Dep	·	e Solids Scum		e sediments	None	Other:	DEBRIS
		ditional comments	For		☐ None	Other:	DEBRIS
		arronar comments	(meraam	ig imormat.	ion nom mi	civiews) to this.	ioiii.
comprehensive undecision on the r	understanding of wrecreation use analy	solely for removal of a ater conditions. Consequents but may point to confirm to the best of	quently, the anditions th	is informatio at need furth	n is not intender analysis or	led to directly influe that effect another t	ence a use.
datasheet is t	true and accura					-	
Signed:	7 f. chiy	ed : Aau u	Me	Date:	6/22/0	5	
Organization:	MOPNR	Swep		Positio	n:	il Scientis	.ts
						•	

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Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	301 -02	Site Location D	escription:	
Site GPS Coordinates:	V 38.30835 N94	.38869 Bores	5 Be	
	1/05@	Facility Name:		
Personnel: (PAig	hatfield; Aaron	woods Permit Number:		
Current Weather Condi	tions: Sunny	Weather Condit	ions for Past 7 days:	onny
Photo Ids: Upstream:		eam: WBD1301-02 Othe	r:	
Uses Observed*:				
Swimming	Skin diving	SCUBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boating	Wading	Rafting
Hunting	☐ Trapping	Fishing	None of the above	Other:
Describe: (include numb	per of individuals recreati	ng, frequency of use, photo-	documentation of evidence	of recreational uses, etc.)
	•			
Surrounding Condition	ns*: (Mark all that prom	ote or impede recreational u	ses. Attach photos of evider	nce or unusual
items of interest.)		_		
☐ City/county parks	☐ Playgrounds ☐	MDC conservation lands	Urban areas	☐ Campgrounds
☐ Boating accesses	State parks	National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	Fence	Steep slopes	Other: None	
Evidence of Human Us	e*•			
Roads	Foot paths/prints	☐ Dock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	☐ Camping Sites	Fire pit/ring	NPDES Discharge	Fishing Tackle
☐ Other: NoN∈				,
Site Locations Map(s):	Attach a map of entire	re segment with assessr	nent sites clearly labele	ed. Mark any
other items that may be	of interest. (Include 1		tached	-

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID #_ 130/:

Obstream view	gy: Physical Dime	ensions:				
Riffle Width		Length (ft):	Avg. Depth (ît):	Max. Depth	(ft):
Run Width	(ft):	Length (ft):	Avg. Depth (1	ft):	Max. Depth	(ft):
Pool Width	(ft): 15	Length (ft): 15	Avg. Depth (1	i): / 2 //	Max. Depth	· · · · · · · · · · · · · · · · · · ·
☐ Flow Presen	t? Yes	Ņo	Estimated (ft ³		-	, , , , , , , , , , , , , , , , , , , ,
Downstream Vi	ew Physical Di	mensions:				
Riffle Width	(ft):	Length (ft):	Avg. Depth (f	t):	Max. Depth	(ft):
☐ Run Width	(ft):	Length (ft):	Avg. Depth (f	t):	Max. Depth ((ft):
⊠ Pool Width	(ft): 10	Length (ft): 20	Avg. Depth (f	t): /	Max. Depth (1 11
Flow Present	t? 🗌 Yes 🔯	No	Estimated (ft ³			
quatic Vegetation		of vegetation or algal g				
ater Characteris	tics*: (Mark all t	hat apply.)				
Odor:	tics*: (Mark all t	Musky 🗌	Chemical	⊠ None	Other:	
Odor: Color:	Sewage Clear	Musky Green	Gray	⊠ None □ Milky	Other:	Murky
Odor: Color: Bottom Deposit:	Sewage	☐ Musky ☐ ☐ Green ☐ ☐ Solids ☒	Gray Fine sediments	Milky None	Other:	DEBRIS
Odor: Color: Bottom Deposit: Surface Deposit: omments: Please This information is not imprehensive understacision on the recreation the undersigned,	Sewage Clear Sludge Oil attach additionation to be used solely nding of water conduction use analysis but	Musky Green Solids Scum al comments (inclusions Consequent) may point to condition	Gray Fine sediments Foam Iding information ational use designately, this information ns that need further	Milky None None n from intervietion but rather is to is not intended to or analysis or that eff	Other: Other: Other: ws) to this for the provide a modirectly influent fect another use	DEBRIS 3hEEN - Organ orm. re nce a se.
Odor: Color: Bottom Deposit: Surface Deposit: omments: Please This information is not imprehensive understacision on the recreation	Sewage Clear Sludge Oil attach additiona to be used solely nding of water com use analysis but hereby affirm ad accurate.	Musky Green Solids Scum al comments (inclusions. Consequently may point to conditions to the best of my	Gray Fine sediments Foam Iding information ational use designately, this information ins that need further knowledge, the	Milky None None n from intervietion but rather is to is not intended to or analysis or that ef	Other: Other: Other: ws) to this for provide a modirectly influent fect another us	DEBRIS ShEEN - Organ form. The core a core a core. The core of

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Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Personnel: (1,4) Current Weather Conditi Photo Ids: Upstream: Np	los e Biz Chaffield : A ons: Sunny	s M	Facility Name: , Permit Number:	5 BR	
Personnel: (12A) Current Weather Conditi Photo Ids: Upstream: Wp	Chaffield A ons: Sunny) ~ <i>y</i>	<u> </u>		
Current Weather Conditi Photo Ids: Upstream: թի	ons: Sunny	aran woo	Permit Number:		
Photo Ids: Upstream: No					
	DIZDEAZ DAV		Weather Condit	ions for Past 7 days:	nry
01 14	20120E02 200	vnstream: NBO	1301-03 Othe		
					44.94
S Observed*:	γ				
Swimming	Skin diving	SCU	JBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	Wading	Rafting
Hunting	Trapping	☐ Fish	_	None of the above	Other:
Describe: (include number	er of individuals rec	reating, freque	ncy of use, photo-	documentation of evidence	of recreational uses, etc.)
-					
			•		
rounding Condition	S*: (Mark all that r	promote or imp	ede recreational u	ses. Attach photos of evider	nce or unusual
of interest.)	(nomote of imp	edo recreationar a	ses. Attach photos of evider	ice of unusual
City/county parks	Playgrounds	MDC con	servation lands	Urban areas	Campgrounds
Boating accesses	State parks	☐ National f	forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	X Steep slop	oes	Other:	
		•			
lence of Human Use	e*:				
Roads	☐ Foot paths/prin	nts 🔲 Do	ock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	☐ Camping Sites	☐ Fii	re pit/ring	☐ NPDES Discharge	Fishing Tackle
Other: Dumping	1 - TIRES				
' '				nent sites clearly labele	

AttachEd_

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Page Two - WBID # 130 :

eam Morpholog Upstream View Riffle Width	Physical Dim	Length (ft):	··	Avg. Depth (Max. De	nth (ft)	······································
Run Width	`···	Length (ft):		Avg. Depth (· ,		Max. De	• • • • • • • • • • • • • • • • • • • •	
Pool Width	`	Length (ft):				2. 11			. 1 1
			15'	Avg. Depth (9"	Max. De	ptn (ft):	12
Flow Present	t? Yes [] No		Estimated (ft	/sec):				
Downstream Vie	ew Physical D	imensions:							
Riffle Width		Length (ft):		Avg. Depth ((ft):		Max. Dej	pth (ft):	
Run Width	(ft): 15	Length (ft):	15	Avg. Depth ((ft):	10 1	Max. De	pth (ft):	1'4
Pool Width	(ft):	Length (ft):		Avg. Depth (Max. Dep	oth (ft):	
Flow Present	:? 🛛 Yes 🗆] No		Estimated (ft					
uatic Vegetation	in: (note amount	or vegetation of	r alaal ara			•			
SMARTWEED WBU1301-01	; (40%	Algae gro	with)	wth at the asses	ssment :	site)		in Francisco	
WBUI301 -03	; (4°%) 3	Algae gre	wth)						
wbol301-02 ter Characteris Odor:	tics*: (Mark all	that apply.) Musky	wth) □c	hemical	No.	ne	Other:		
wbuiso(-6) ter Characteris Odor: Color:	tics*: (Mark all Sewage Clear	that apply.) Musky Green	₩ <i>K)</i> □c □c	hemical ray	☑ Noi	ne ky	Other:	Muda	ly
wbol301-02 ter Characteris Odor:	tics*: (Mark all	that apply.) Musky		hemical	No.	ne ky ne		Mode	ly
wbolsol - 62 ter Characteris Odor: Color: Bottom Deposit:	tics*: (Mark all Sewage Clear Oil attach addition to be used solely nding of water con use analysis but hereby affirm ad accurate.	that apply.) Musky Green Solids Scum nal comments of for removal of conditions. Consecut may point to comment to the best	G G G G G G G G G G G G G G G G G G G	hemical ray ne sediments nam ng informational use designathis information that need further	Non Mil	ne he ne t rather is intended sis or tha	Other: Other: Other: Other: otiews) to the sto provide a to directly infit effect another ation repo	is form. more fluence a er use. rted on	this UAA

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